

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method for transmitting a web page, comprising steps of: receiving a request for a web page from a user, the web page being definable by:
(i) a template having static, relatively unchanging elements of the web page and (ii) delta information having dynamic, highly variable elements of the web page;
determining ~~ascertaining~~ if a set of compressed version of the template
information ~~related to the said web page is available~~ present in a cache at a first server, ~~the set of compressed information comprising a set of static elements of the web page;~~
serving the ~~set of compressed~~ template ~~information~~ from the cache ~~to a user~~ in response to the request; and
serving the delta ~~a set of dynamic~~ ~~information to the user~~ in response to the request.
2. (Currently Amended) The ~~[[A]]~~ method of ~~[[as in]]~~ claim 1 ~~[[.]]~~ wherein the receiving step comprises receiving the request by one of an originating server, a proxy encoder server, and a mirroring server.
3. (Currently Amended) The ~~[[A]]~~ method of ~~[[as in]]~~ claim 1 further comprising
steps of: ~~wherein~~
compressing the template into the set of compressed version of the template;
and ~~information comprises a~~
caching the compressed version of the template in the cache ~~all elements of the web page.~~

4. (Currently Amended) The [[A]] method of [[as in]] claim 1[[,]] wherein the ~~compressing step set of compressed information~~ comprises generating a Huffman tree corresponding to the template of the web page.
5. (canceled)
6. (Currently Amended) The [[A]] method of [[as in]] claim 1[[,]] further comprising steps of:
ascertaining if the set of compressed ~~template~~ information is cached at another location;
obtaining the set of compressed ~~template~~ information from the other location; and
caching the set of compressed ~~template~~ information in the cache at the first server.
7. (Currently Amended) A method for transmitting a web page, comprising steps of:
identifying a ~~template and delta set of static information that together define~~
~~included in a web page, the template having static, relatively unchanging~~
~~elements of the web page, the delta information having dynamic, highly~~
~~variable elements of the web page;~~
compressing the ~~template into a compressed version of the template set of static~~
~~information;~~
caching the compressed ~~version of the template set of static information~~ in a
cache at a first server; and
transmitting the compressed ~~version of the template set of static information~~ from
the cache at the first server to another location in response to a user
request.
8. (Currently Amended) The [[A]] method of [[as in]] claim 7[[,]] wherein the first server is selected from a group consisting of: an originating server, mirroring server, and proxy encoder server.

9. (Currently Amended) The ~~[[A]]~~ method of ~~[[as in]]~~ claim 7~~[[,]]~~ wherein the location is selected from a group consisting of: a client device and a mirroring server.
10. (Currently Amended) The ~~[[A]]~~ method of ~~[[as in]]~~ claim 7~~[[,]]~~ wherein the compressing step comprises generating a Huffman tree corresponding to the template ~~set of static information~~ of the web page.
11. (Currently Amended) The ~~[[A]]~~ method of ~~[[as in]]~~ claim 7~~[[,]]~~ further comprising steps of:
caching the compressed version of the template ~~set of static information~~ at a second location; and
serving the compressed version of the template ~~set of information~~ from the second location in response to a user request ~~to a client device~~.
12. (canceled)
13. (Currently Amended) The ~~[[A]]~~ method of ~~[[as in]]~~ claim 1 wherein the serving the delta information step comprises serving a 12, ~~further comprising steps of: compressing the set of static information; and caching the compressed version of the delta set of static information to the user in the cache.~~
14. (Currently Amended) The ~~[[A]]~~ method of ~~[[as in]]~~ claim 13 ~~[[12,]]~~ further comprising steps of:
compressing the delta ~~set of dynamic~~ information into a compressed version of the delta information; and
caching the compressed version of the delta ~~set of dynamic~~ information in the cache.
15. (Currently Amended) The ~~[[A]]~~ method of ~~as in~~ claim 13 ~~further comprising steps of: 28, wherein the step of decompressing is performed by software that is proximate to the client device~~

decompressing the served compressed template and the served compressed version of the delta information; and
integrating the decompressed template and delta information into a complete web page.

16. (Currently Amended) The [[A]] method of ~~as in~~ claim 15 [[28,]] wherein the ~~step~~ of decompressing and integrating steps are [[is]] performed automatically by one of (i) a client device having a decoder, and (ii) a browser associated with the user that utilizes scripting capabilities of the browser to operate in a clientless manner client device.
17. (Currently Amended) A first server apparatus for transmitting a web page where the web page is definable by (i) a template having static, relatively unchanging elements of the web page and (ii) delta information having dynamic, highly variable elements of the web page, the first server comprising:
a first cache having a [[of]] compressed version of the template ~~static information, the compressed static information comprising a set of static elements of the web page; and~~
web server software operatively configured to serve ~~service that serves the~~ compressed version of the template from the first cache ~~static information to a user~~ in response to a request for the web page.
18. (Currently Amended) The first server [[An]] apparatus of [[, as in]] claim 17[[,]] wherein the first server apparatus is a mirroring server.

19. (Currently Amended) A system for use on a communication network having the first server apparatus of claim 17 and further having a second server, the second server comprising software programmed to: (i) identify the template and delta information that together define the ~~distinguish static elements from dynamic elements in a web page~~, (ii) compress the template into the static elements as compressed version of the template ~~static information~~, and (iii) send store ~~the compressed version of the template to static information in a second cache in the first~~ second server apparatus.
20. (Currently Amended) The ~~[[A]]~~ system of ~~[[as in]]~~ claim 19~~[[,]]~~ wherein the second server is selected from a group consisting of an originating server and a proxy encoder server.
21. (Currently Amended) The system of ~~An apparatus, as in claim 19~~ ~~[[17,]]~~ wherein the second server software is further programmed to: (iv) compress the delta information into a compressed version of the delta information and (v) send the compressed version of the template to the first server apparatus web page ~~comprises both the static elements and at least one dynamic element~~.
22. (Currently Amended) The ~~[[A]]~~ system of ~~[[as in]]~~ claim 19~~[[,]]~~ wherein the second server software is further programmed to: (iv) calculate a difference between the web page requested by a user and a ~~compare information at the first server or the second server with the compressed version of the template static information previously served to the~~ ~~[[a]] user, calculate the difference as the~~ ~~[[a]] delta information and (v) serve~~ compress the delta information in response to the request.
23. (Currently Amended) A system for use on a communication network having the first server apparatus and second server of claim 22 and further having a client device associated with a user, the client device comprising software programmed to (i) decompress served ~~received~~ compressed version of the template ~~static~~

~~information and compressed delta information~~ and (ii) integrate the decompressed version of the template static and served delta information into a complete web page.

24. (Currently Amended) A system for use on a communication network having the first server apparatus of claim 17 and further having a client device associated with a user, the client device comprising software programmed to (i) decompress served ~~received~~ compressed version of the template static information, (ii) receive delta dynamic information ~~for the~~ of a web page and (iii) integrate the decompressed version of the template static and received delta dynamic information into a complete web page.
25. (Currently Amended) The ~~[[An]]~~ apparatus of ~~[[, as in]]~~ claim 17~~[[,]]~~ wherein the compressed version of the template static information comprises a Huffman tree corresponding to the template of the web page.
26. (Currently Amended) The ~~[[A]]~~ method of ~~as in~~ claim 1 further comprising steps of: a step of decompressing the served compressed template information ~~at a client device;~~ and integrating the decompressed template and served delta information into a complete web page.
27. (Currently Amended) The ~~[[A]]~~ method of ~~as in~~ claim 26 ~~wherein the 7~~ further ~~comprising a step of~~ decompressing and integrating steps are performed by one of (i) the compressed set of static information at a client device having a decoder, and (ii) a browser associated with the user that utilizes scripting capabilities of the browser to operate in a clientless manner.
28. (canceled)

29. (New) A method for receiving a web page where the web page is definable by (i) a template having static, relatively unchanging elements of the web page and (ii) delta information having dynamic, highly variable elements of the web page, the method for receiving comprising steps of:
receiving a compressed version of the template from a cache at a first server in response to a request for a web page from a user;
receiving the delta information in response to the request;
decompressing the received compressed version of the template; and
integrating the decompressed template and received delta information into a complete web page.
30. (New) The method of claim 29 wherein the compressed version of the template comprises a Huffman tree corresponding to the template of the web page.
31. (New) The method of claim 29 wherein the receiving the delta information step comprises receiving a compressed version of the delta information in response to the request.
32. (New) The method of claim 31 further comprising a step of decompressing the received compressed version of the delta information, and wherein the integrating step comprises integrating the decompressed template and decompressed delta information into a complete web page.
33. (New) The method of claim 29 wherein the decompressing and integrating steps are performed by one of (i) a client device having a decoder, and (ii) a browser associated with the user that utilizes scripting capabilities of the browser to operate in a clientless manner.
34. (New) The method of claim 7 further comprising a step of the serving the delta information in response to a user request.

35. (New) The method of claim 34 further comprising steps of: (i) compressing the delta information into a compressed version of the delta information, and (ii) caching the compressed version of the delta information in the cache, and wherein the serving step comprises serving the compressed version of the delta information from the cache in response to a user request.